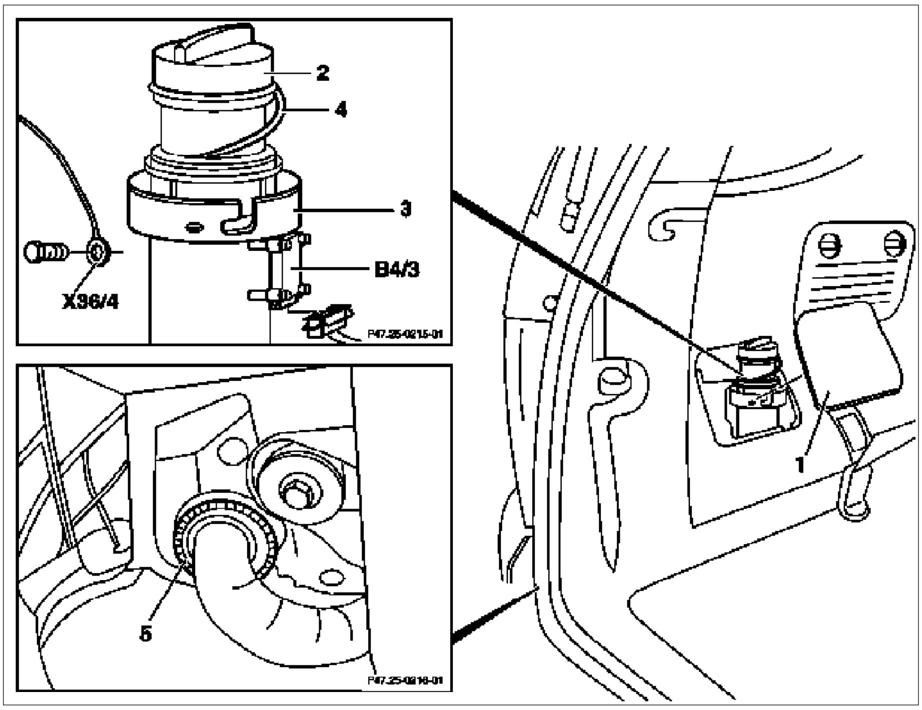
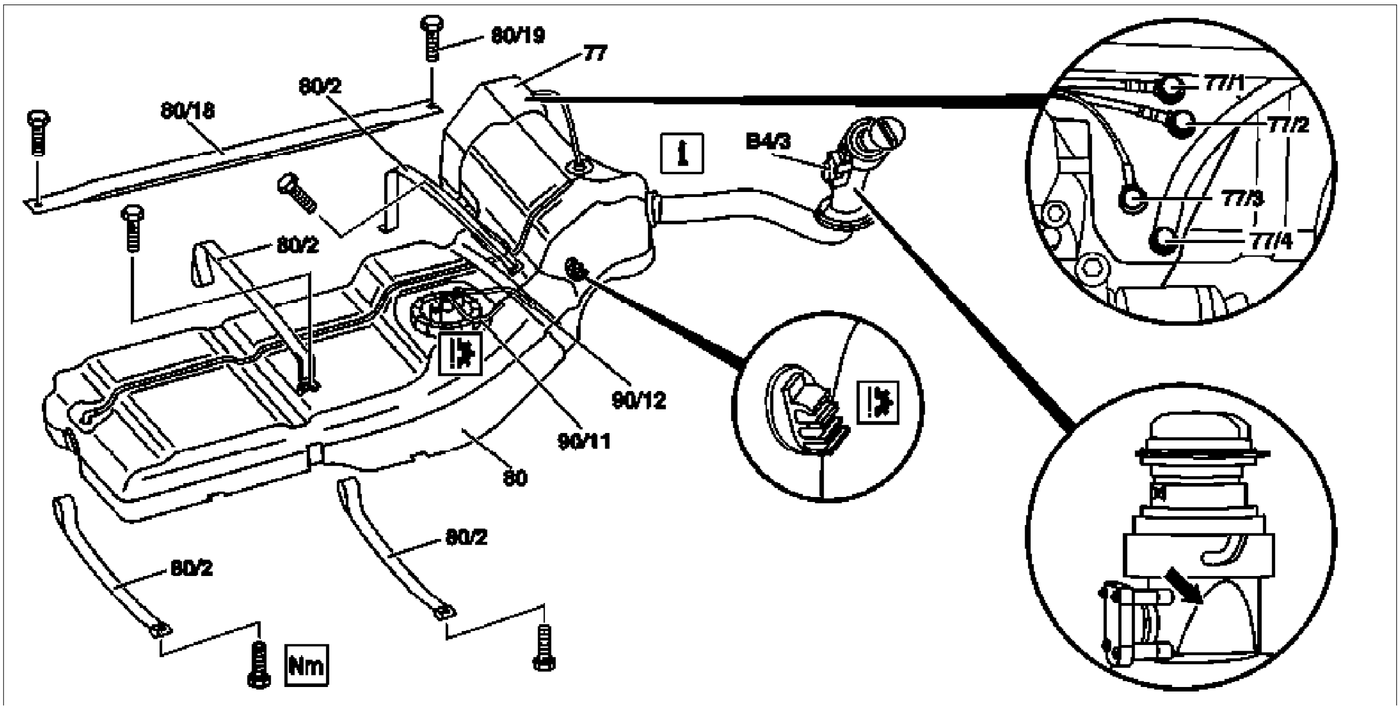
AR47.10-P-4100GH	Remove fuel tank	10.3.97

MODEL 163.113 with ENGINE 612.963
MODEL 163.128 with ENGINE 628.963
MODEL 163.136 with ENGINE 111.977
MODEL 163.154 with ENGINE 112.942
MODEL 163.157 with ENGINE 112.970
MODEL 163.172 with ENGINE 113.942
MODEL 163.175 with ENGINE 113.965

1	*Left side paneling cover*
2	*Filler cap*
3	*Bayonet lock*
4	*Filler cap attachment*
5	*Rubber seal*
B4/3	*Fuel tank pressure sensor*
X36/4	*Fuel tank filler neck/ground screw connection*



P47.10-0407-06



P47.10-0413-09

77	*Activated charcoal canister*	*77/4*	*Frischluftanschluss*	*80/19*	*Mounting screw*
77/1	*Fine venting connection*	*80*	*Fuel tank*	*90/11*	*Fuel return line*
77/2	*Regeneration connection*	*80/2*	*Tensioning straps*	*90/12*	*Fuel feed line*
77/3	*Spring chamber venting connection*	*80/18*	*Longitudinal strut for tensioning straps*	*B4/3*	*Fuel tank pressure sensor*

Modification notes

7.11.00	Figure modified from 170 Nm auf 200 Nm	Value in BA35.10-P-1001-01C changed for model 163	*BA35.10-P-1001-01C

	Remove, Install		
⚠ **Danger!** 1	**Risk of explosion** from fuel igniting, **risk of poisoning** from inhaling and swallowing fuel as well as **risk of injury** to eyes and skin from contact with fuel. Drain fuel tank	Fire, sparks, open flames or smoking forbidden. Pour fuels only into suitable and appropriately marked containers. Wear protective clothing when handling fuel. ℹ Via fuel pump. NOT for model 163.113/128. ℹ If fuel pump faulty, and model 163.113/128.	AS47.00-Z-0001-01A AR47.10-P-4001GH AR47.10-P-4000GH *BF47.10-P-1001-01A
2	Unscrew filler cap (2) and detach from filler cap attachment (4)		
3.1	Remove left seat of 3rd seat row	ℹ If installed. See owner's manual	
4	Unclip cover of left-hand side panel (1)		
5.1	Detach fuel lines of expansion reservoir and separate from filler neck	ℹ As of VIN A289565. NOT for model 163.113/128.	
6	Detach fuel filler neck from guide funnel	ℹ **Installation:** Check O-ring and replace if necessary. Ensure that the bayonet-lock **remains above** the pressure sensor. Ensure it is correctly located when installed. ℹ Open bayonet lock (3) to do this.	
7	Pull filler neck through toward interior	ℹ Screw on cap again in order to avoid fuel flowing out.	
8.1	Remove fuel tank pressure sensor (B4/3)	ℹ Only USA version	AR47.10-P-8022GH
9.1	Detach bolted connection of fuel tank filler neck/ground (X36/4) from filler neck	ℹ NOT for model 163.113/128.	
10.1	Cut cable strap for retaining clips of fuel lines at filler neck and remove retaining clips	ℹ As of VIN A289565. NOT for model 163.113/128.	
⚠ **Danger!** 11	**Risk of fatal accident** from vehicle slipping or toppling off the lift platform Place the vehicle on lifting platform	Align vehicle between the columns of lifting platform and position the four support plates below the support strongpoints specified by the vehicle manufacturer.	AS00.00-Z-0010-01A AR00.60-P-1000GH
12	Separate rubber seal (5) from underside of vehicle and remove filler neck from interior	ℹ Do not damage fuel lines at filler neck.	
13 e	Remove left rear wheel Removing and installing wheels, rotating if necessary		AP40.10-P-4050GH
14	Remove spare wheel and spare wheel carrier complete	ℹ NOT in the case of spare wheel holder/spare wheel, code 849.	
15	Cut a large safety cable strap for filler neck at bracket on longitudinal frame member		
16	Remove bracket from longitudinal frame member		
17	Disconnect connection for regeneration (77/2) and fresh air connection (77/4) on activated charcoal canister (77)	ℹ **Installation**: Connect up lines as per connection diagram: # Engine 111 Engines 112, 113 Engines 112, 113 version I ℹCharcoal canister and fuel tank form a single unit. NOT for model 163.113/128.	 AR47.30-P-8212-01GJ AR47.30-P-8212-01GI AR47.30-P-8212-01GH
18	Detach vent hose	ℹ At rear differential to rear of activated charcoal reservoir.	
19	Remove rear exhaust system heat shield.	ℹ Do not damage boot at rear axle shaft.	
20	Disconnect rear propeller shaft at differential	ℹ **Installation:** Install new self-locking bolts. ℹTie up propeller shaft e.g. using welding wire ℹ Heat bolts with hot air fan to facilitate removing. Mark propeller shaft and differential gear flange for correct installed position. Nm	 *BA41.10-P-1002-01C

21	Detach rear brake cables	Unclip at underfloor of vehicle and unscrew brake cable holder on right and left at frame.	
22.1	Unbolt check strap of rear axle carrier from underfloor of vehicle	As of VIN A145273, X708319.	
23	Remove left rear stone shield		
24	Remove lower tensioning straps (80/2) and loosen the upper tensioning straps	Tensioning straps are color-coded and cannot be mixed up. Support fuel tank using assembly jack. Nm	*BA47.10-P-1001-01D
25	Remove longitudinal strut for tensioning straps (80/18)	Nm	*BA47.10-P-1002-01D
26.1	Unscrew linkage for headlamp range adjustment **at the top**	If installed.	
27	Unscrew nuts on bottom of the shock absorbers at the transverse control arm	**Installation:** Install new self-locking nuts.	
		Nm	*BA32.25-P-1001-03D
28	Unscrew rear axle carrier from floor of vehicle and lower as far as possible	Support rear axle carrier. **Installation:** Install new self-locking bolts. Nm	*BA35.10-P-1001-01C
29	Lower fuel tank	Support fuel tank.	
30	Remove upper tensioning strap **at the rear**	The tensioning strap at the top at the front.	
31.1	Unclip lines from side of fuel tank	As of VIN A289565, X754620. **Installation:** The lines must not be damaged.	
32	Disconnect fuel pump electrical plug connection		
33	Disconnect fuel feed line (90/12) and fuel return line (90/11)	Fuel lines must not be bent. Pliers	*163589003700
34	Remove fuel tank (80)	**Installation:**Ensure that the sealing rubbers (5) seat correctly in the body floor to prevent water entry. Do not damage fuel lines at filler neck. Guide filler neck with its chamfered side (arrow) through between frame and body. Filler neck and fuel tank cannot be separated from each other.	
35	Install in the reverse order		
36.1	Dispose of fuel tank	Ony when replacing the fuel tank.	
O	Disposal of fuel tanks		OS47.10-P-0001-01A

Nm Rear axle carrier

Number	Designation		Model Series 163
BA35.10-P-1001-01C	Self-locking bolt, rear axle carrier at front and rear to frame floor	Nm	200

Nm Propeller shaft

Number	Designation		Model Series 163
BA41.10-P-1002-01C	Self-locking bolt, rear propsharft at rear axle center section	Nm	50

Nm Fuel tank

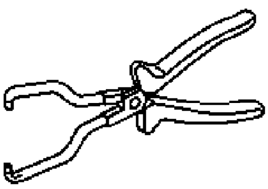
Number	Designation		Models 163.113/ 128/ 136/ 154/157/ 172/175	Model 163.174
BA47.10-P-1001-01D	Screws for tensioning straps	Nm	20	20
BA47.10-P-1002-01D	Longitudinal strut for check straps	Nm	20	20

Nm Rear axle shock absorber

Number	Designation		Model Series 163
BA32.25-P-1001-03D	Self-locking nut, shock absorber to lower wishbone	Nm	85

Fuel tank

Number	Designation			Models 163.113/ 136/154/ 172 up to 31.08.01	Models 163.113/ 136/154/ 172 as of 01.09.01 Models 163.157/ 175
BF47.10-P-1001-01A	Fuel tank capacity	Total capacity	Liter	72	83
		Reserve capacity	Liter	10	12



163 589 00 37 00

Pliers